

Abstract

Provided is a manufacturing method of semichemical mechanical pulp from cornstalks capable of offering environment-friendly pulp by reducing use of chemicals, offering a method for manufacturing new Korean pulp from cornstalks and enabling manufacture of characteristic paper. The method comprises the processes of crushing cornstalks into chips, applying heat and pressure to the crushed chips with such alkaline solution as caustic soda, refining them and bleaching them by adding such oxidizer as hydrogen peroxide.